

APRIL/MAY 2025

**23PMB22 — MEDICAL VIROLOGY AND
PARASITOLOGY**

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What is Prions?
2. List any two Properties of Virus.
3. Define epidemiology.
4. Define Pathogenesis.
5. Short notes on bacterial virus.
6. What is antiviral antigens?
7. Short notes on *Trypanasoma*.
8. Which Parasite cause the leishmania disease.
9. What is Nematodes?
10. Expand the full form of AIDS.



SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Write the general Properties of virus.
Or
(b) Discuss about infective assays.
12. (a) Outline the life cycle of herpes virus.
Or
(b) Explain about Pathogenicity of hepatitis virus.
13. (a) Brief account on M13 bacterial Virus.
Or
(b) Discuss the viral vaccines.
14. (a) Discuss about pathogenesis of *giardia*.
Or
(b) Describe the lab diagnosis of *typanasoma*.
15. (a) Short notes on life cycle of *Taenia Solium*.
Or
(b) Discuss about laboratory diagnosis of *Wuchereria*.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Summarize the cultivation methods of virus.
17. Briefly account on Pox virus.
18. Explain about life cycle of Phage.
19. Elaborates notes on pathogenicity and lab diagnosis of *Entamoeba*.
20. Discuss about the Ascaris.
-